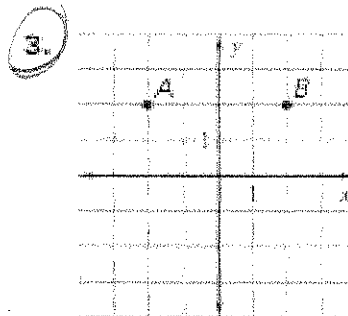
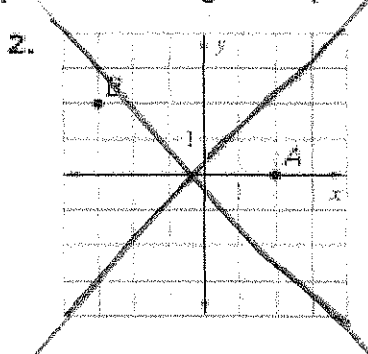
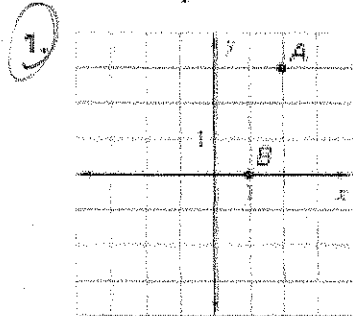


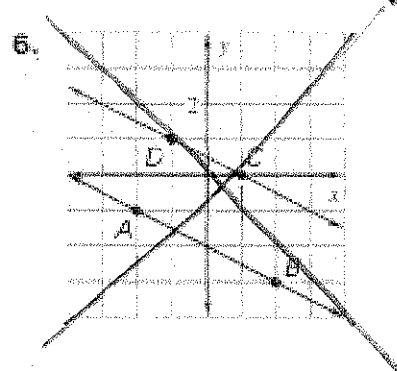
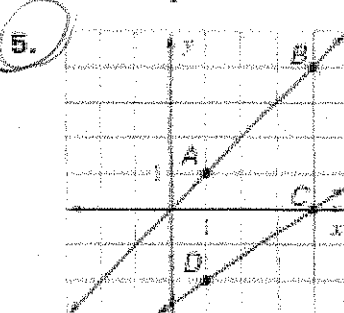
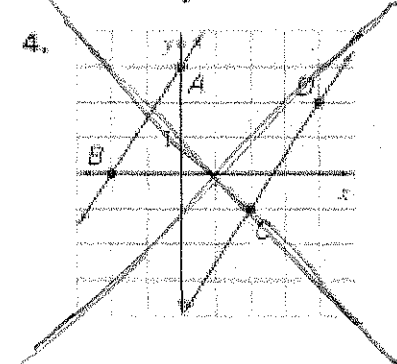
(ODDS ONLY)

Find the slope of the line that passes through the points.

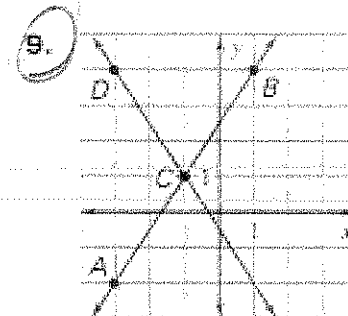
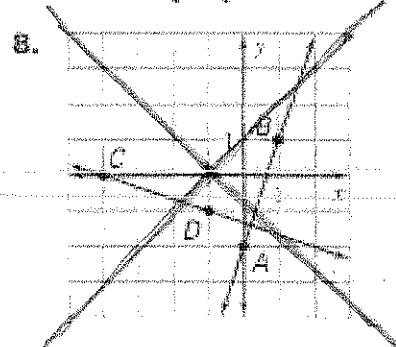
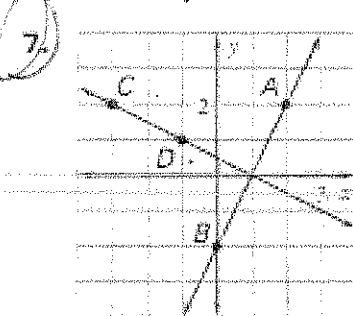


slope:
 $m = \frac{y^2 - y^1}{x^2 - x^1}$
slope intercept:
 $y = m(x) + b$
(slope)

Find the slope of each line. Are the lines parallel?



Find the slope of each line. Are the lines perpendicular?



Tell whether the lines through the given points are *parallel*, *perpendicular*, or *neither*.

10. Line 1: $(-1, 2), (2, 3)$

Line 2: $(0, 0), (3, 1)$

11. Line 1: $(0, 1), (1, 3)$

Line 2: $(4, -1), (5, 2)$

12. Line 1: $(-5, 0), (-3, 1)$

Line 2: $(-2, 2), (0, 4)$

13. Line 1: $(-3, 4), (-3, 1)$

Line 2: $(2, 1), (5, 5)$

14. Line 1: $(-5, 2), (-2, 2)$

Line 2: $(2, 1), (4, 1)$

15. Line 1: $(-2, 5), (1, 4)$

Line 2: $(4, 0), (5, 3)$

parallel:
identical slopes
perpendicular:
opposite sign
reciprocal

Tell whether the intersection of \overline{AB} and \overline{CD} forms a right angle.

16. $A(-8, 3), B(1, 2), C(0, 9), D(-1, 0)$

18. $A(5, 4), B(-3, 20), C(9, -2), D(6, 4)$

20. $A(-8, 17), B(-5, 18), C(6, 11), D(5, 8)$

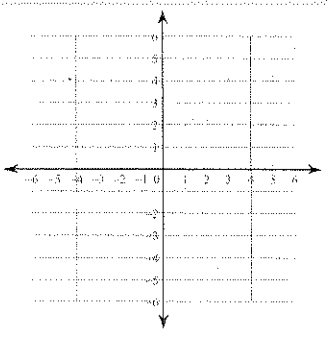
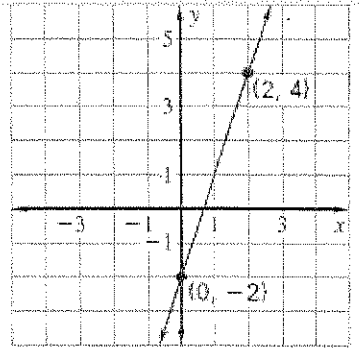
17. $A(3, 2), B(5, 10), C(7, -4), D(3, -3)$

19. $A(7, 12), B(1, 5), C(10, -7), D(3, -1)$

21. $A(-7, 3), B(-10, 15), C(-1, 5), D(4, 35)$

Mixed Review

(ALL)

<p>1. Find the slope of $(-2, 0)$ and $(3, 4)$. Is the slope negative, positive, undefined, or zero?</p>	<p>2. If the line goes from left to right. Describe the line's slope.</p>	<p>3. Solve for m. $D = \frac{m}{V}$</p>
<p>4. Find the x-intercept and y-intercept of $y = 4x - 10$.</p>	<p>5. Write the equation of slope. Provide the variable that represent slope also.</p>	<p>6. If line 1 has a slope of $-1/2$ and line 2 has a slope of 5, which line is steeper?</p>
<p>7. Describe the line with a negative slope/</p>	<p>8. Put the following equation in slope-intercept form: $2x + 4y = 20$</p>	<p>9. What is the slope of the line $2x + 5y = -10$</p>
<p>10. Graph the following equation. $7x - 3y = -15$</p> 	<p>11. Find the slope of the line</p> 	<p>12. Graph the following points and determine the slope: $(4, -3)$ and $(0, 1)$</p> 